



CSMS PDR Wrap-Up

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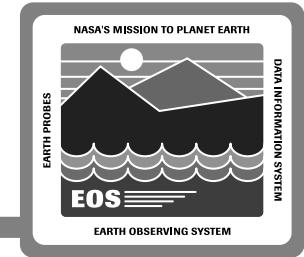
19 January 1995

PDR Closure Items



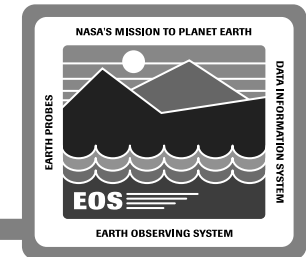
- **RIDs from this meeting will be submitted via the review panel to the CSMS team for high-priority workoff**
- **The DAAC LAN designs for Release A will be presented at the SDPS PDR**
- **The Communications Requirements Spec (available now in technical-paper form) and the NSI ICD will be issued in February**
- **All CSMS-related documents will be reissued approximately one month after the Wrap-Up PDR (including the DAAC LAN designs) to reflect the DAAC designs, RIDs, and review comments**

Next Steps for CSMS



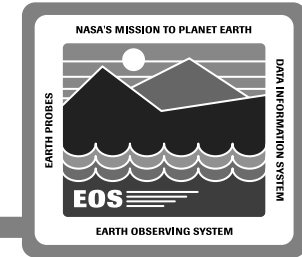
- **Incremental-track development of CSMS portions of Releases IR-1 and A**
- **Detailed design of formal-track portions of CSMS Release A**

Road to CDR - Key Activities



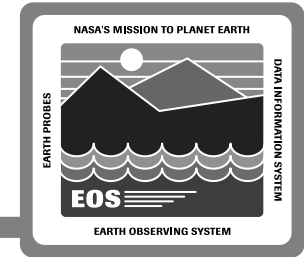
Tasks		Purpose
ISS	Develop specific network migration plan to Release B	Validate Release A preliminary design through prototyping and support of Release B preliminary design
ISS	Select COTS hardware for DAAC, EOC and SMC LANs	Start procurement process
CSS	Begin incremental development of IR1 via EP5 (OODCE wrappers, other services)	Validate Preliminary Design Provide early FOS/SDPS development environment
CSS	Continue ORB prototyping (Sun DOE, DEC Object Broker, HP ORB+)	Confirm Release C migration approach Track CORBA product maturation
CSS	Prototype & select COTS for message passing, BBS & event services	Validate preliminary design Predecessor to glue-code design Start procurement process

Road to CDR - Key Activities (cont.)



Tasks		Purpose
MSS	Continue extensible agent prototyping and complete FOS common agent prototype	Validate preliminary design Detail agent interface design (ICD)
MSS	Develop detailed operational scenarios	Validate preliminary design Support detailed design
MSS	Select COTS products for problem reporting, OA tools, DBMS, administration	Validate preliminary design Predecessor to glue-code design Start procurement process
MSS	Unit-level detailed software design and COTS integration	Refine designs for data access, agent, registration, and other custom development

CSMS PDR Summary



We have demonstrated:

- **the refinement of CSMS's SDR-era, COTS/standards-based, evolvable design into its lower-level hardware and software components**
- **migration planning for the Release IR-1/A-specific instantiations into the SDR architecture**
- **the validation of that design via:**
 - **standards, make vs. buy, and product decisions**
 - **prototyping and benchmarking**
 - **extensive technical exchanges inside and outside ECS**
 - **detailed I&T planning**
 - **detailed development planning**